

Asbestos Design Data Collection (DDC) 02112019

Project Overview

| | | | |
|--------------------------------|------------------------------------|------------------------------------|---|
| Building: | TM Peirce Elementary School | Total Number of Work Areas: | 7 |
| ULCS: | 4380 | Work Area Locations (list areas): | Kitchen/Serving Area in Hallway, Hallway from Building Engineer's Office and Boiler Room to Boy's Restroom, Lunchroom A, Lunchroom B, Main Gym adjacent to Lunchroom B, Room B1 Gymnasium, Lunchroom C |
| Address: | 2300 W. Cambria Street | Total Material for Abatement (SF): | N/A |
| Inspector Name/Company: | Bernard Brunner/Vertex | Total Material for Abatement (LF): | 13 LF |
| Date Inspected: | 10/24/19 | Requested by: | OEMS |
| Date Issued (within 24 hours): | 10/25/19 | | |

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| Scope of Work | | | | | | | | | | | | | | | | |
|------------------|---|--|-----------------------------|----------------------------|---|----------------------------------|---|---|---|---|---|----------------|------------|--|-------------------------------|--|
| Work Location #: | | 1 | | | | | | | | | | | | | | |
| Room/Area: | | Kitchen/Serving Area in Hallway | | | | | | | | | | | | | | |
| Space ID# | | H02 | | | | | | | | | | | | | | |
| Comments: | | Top 3 feet of insulation moves up and down | | | | | | | | | | | | | | |
| Material | Confirmed or Assumed if assumed contact OEMS | Total Present LF/SF | Removal Amount LF/SF | Damage Amount LF/SF | Imminent Hazard if yes, who was notified | Student Occupied (yes/no) | Specific Location i.e. riser #, wall#, window# | Abatement Type Remove, Repair, Encapsulate | Project Type: incidental, small, minor, major, non-friable | Alternative Method if yes define | Remove Method Friable or Non-Friable | Decon Location | # of AFD's | Water Location hose bib preferred | Glove Bag or Full Containment | Pre-Cleaning/Removal of Contents yes/no |
| Pipe Insulation | Confirmed | 370 LF | 6 LF | 3 LF | No | Yes | Adjacent to oven | Remove | Minor | No | Friable | Boiler Room | 1 | Boiler Room | Full Containment | No |
| Pipe Insulation | Confirmed | 427 LF | 3 LF | 3 LF | No | Yes | 20 cracks and exposed ends throughout | Encapsulate | Minor | No | Friable | N/A | N/A | Boiler Room | N/A | No |

**Add rows for additional materials in this work area

PHOTOS

Photo 1 – Loose Pipe Insulation Close Up



Photo 2 – Loose Pipe Insulation Wide View



Photo 3 – Cracked Pipe Insulation Close Up 1



Photo 4 – Exposed Ends Close Up 1



Photo 5 – Cracks and Exposed Ends on Pipe Insulation Close Up 1



Photo 6 – Cracks and Exposed Ends on Pipe Insulation Close Up 2



Photo 7 – Cracks and Exposed Ends on Pipe Insulation Close Up 3



Photo 8 – Cracks and Exposed Ends on Pipe Insulation Close Up 4



Photo 8 – Cracks and Exposed Ends on Pipe Insulation Wide View 1



Photo 9 – Cracks and Exposed Ends on Pipe Insulation Wide View 2



| Scope of Work | | | | | | | | | | | | | | | | |
|---|---|---|-----------------------------|----------------------------|---|----------------------------------|---|---|---|---|---|----------------|------------|--|-------------------------------|---|
| Work Location #: | | 2 | | | | | | | | | | | | | | |
| Room/Area: | | Hallway from Building Engineer's Office and Boiler Room to Boy's Restroom | | | | | | | | | | | | | | |
| Space ID# | | H02A | | | | | | | | | | | | | | |
| Comments: | | | | | | | | | | | | | | | | |
| Material | Confirmed or Assumed if assumed contact OEMS | Total Present LF/SF | Removal Amount LF/SF | Damage Amount LF/SF | Imminent Hazard if yes, who was notified | Student Occupied (yes/no) | Specific Location i.e. riser #, wall#, window# | Abatement Type Remove, Repair, Encapsulate | Project Type: incidental, small, minor, major, non-friable | Alternative Method if yes define | Remove Method Friable or Non-Friable | Decon Location | # of AFD's | Water Location hose bib preferred | Glove Bag or Full Containment | Pre-Cleaning/ Removal of Contents yes/no |
| Pipe Insulation | Confirmed | 64 LF | 3 LF | 3 LF | No | Yes | 24 cracks and exposed ends throughout | Encapsulate | Minor | No | Friable | N/A | N/A | Boiler Room | N/A | No |
| **Add rows for additional materials in this work area | | | | | | | | | | | | | | | | |

Photo 1 – Exposed Ends Close Up 1

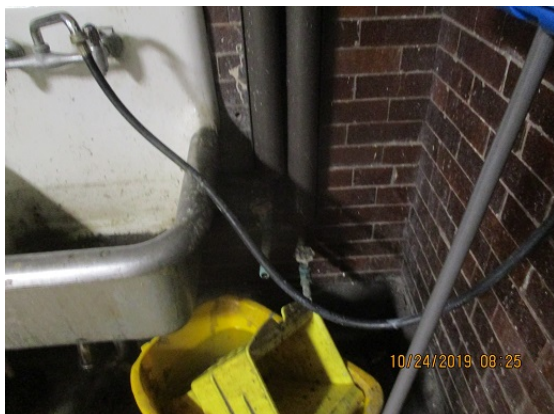


Photo 2 – Cracks and Exposed Ends on Pipe Insulation Close Up 1



Photo 3 – Cracks and Exposed Ends on Pipe Insulation Close Up 2



Photo 4 – Cracks and Exposed Ends on Pipe Insulation Close Up 3



Photo 5 – Cracks and Exposed Ends on Pipe Insulation Close Up 4



Photo 6 – Cracks and Exposed Ends on Pipe Insulation Close Up 5



Photo 7 – Cracks and Exposed Ends on Pipe Insulation Wide View



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| Scope of Work | | | | | | | | | | | | | | | | |
|---|--|---------------------------------------|--|---------------------------------------|--|---|--|--|--|--|--|----------------|------------|---|-------------------------------|---|
| Work Location #: | 3 | | | | | | | | | | | | | | | |
| Room/Area: | Lunchroom A | | | | | | | | | | | | | | | |
| Space ID# | 0B6 | | | | | | | | | | | | | | | |
| Comments: | | | | | | | | | | | | | | | | |
| Material | Confirmed or Assumed <small>if assumed contact OEMS</small> | Total Present <small>LF/SF</small> | Removal Amount <small>LF/SF</small> | Damage Amount <small>LF/SF</small> | Imminent Hazard <small>if yes, who was notified</small> | Student Occupied <small>(yes/no)</small> | Specific Location <small>i.e. riser #, wall#, window#</small> | Abatement Type <small>Remove, Repair, Encapsulate</small> | Project Type: <small>incidental, small, minor, major, non-friable</small> | Alternative Method <small>if yes define</small> | Remove Method <small>Friable or Non-Friable</small> | Decon Location | # of AFD's | Water Location <small>hose bib preferred</small> | Glove Bag or Full Containment | Pre-Cleaning/Removal of Contents <small>yes/no</small> |
| Pipe Insulation | Confirmed | 100 LF | 1 LF | 1 LF | No | Yes | 7 cracks and exposed ends throughout | Encapsulate | Incidental | No | Friable | N/A | N/A | Boiler Room | N/A | No |
| **Add rows for additional materials in this work area | | | | | | | | | | | | | | | | |

Photo 1 – Exposed Ends Close Up 1



Photo 2 – Cracking Pipe Insulation Close Up 1



Photo 3 – Exposed Ends Close Up 2



Photo 4 - Exposed Ends Close Up 3

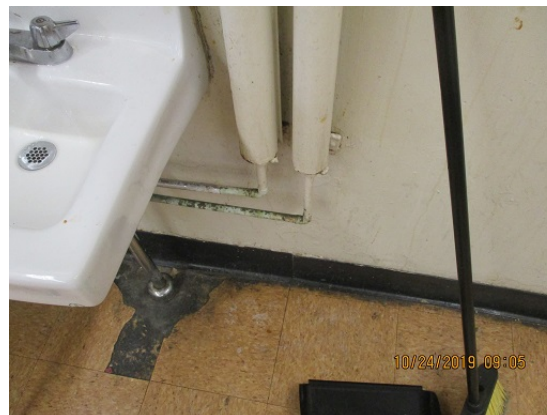


Photo 5 – Cracking Pipe Insulation Close Up 2



Photo 6 – Exposed Ends and Cracking Insulation Wide View 1



Photo 7 – Exposed Ends and Cracking Insulation Wide View 2



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| Work Location #: | 4 | | | | | | | | | | | | | | | |
|---|--|---------------------------------------|--|---------------------------------------|--|---|--|--|--|--|--|----------------|------------|---|-------------------------------|---|
| Room/Area: | Lunchroom B | | | | | | | | | | | | | | | |
| Space ID# | 0B4 | | | | | | | | | | | | | | | |
| Comments: | | | | | | | | | | | | | | | | |
| Material | Confirmed or Assumed <small>if assumed contact OEMS</small> | Total Present <small>LF/SF</small> | Removal Amount <small>LF/SF</small> | Damage Amount <small>LF/SF</small> | Imminent Hazard <small>if yes, who was notified</small> | Student Occupied <small>(yes/no)</small> | Specific Location <small>i.e. riser #, wall#, window#</small> | Abatement Type <small>Remove, Repair, Encapsulate</small> | Project Type: <small>incidental, small, minor, major, non-friable</small> | Alternative Method <small>if yes define</small> | Remove Method <small>Friable or Non-Friable</small> | Decon Location | # of AFD's | Water Location <small>hose bib preferred</small> | Glove Bag or Full Containment | Pre-Cleaning/Removal of Contents <small>yes/no</small> |
| Pipe Insulation | Confirmed | 22 LF | 1 LF | 1 LF | No | Yes | 5 cracks and exposed ends throughout | Encapsulate | Incidental | No | Friable | N/A | N/A | Boiler Room | N/A | No |
| **Add rows for additional materials in this work area | | | | | | | | | | | | | | | | |

Photo 1 – Cracked Pipe Insulation Close Up 1



Photo 2 – Cracked Pipe Insulation Close Up 2



Photo 3 – Cracked Pipe Insulation Close Up 3



Photo 4 - Exposed Ends Close Up 1



Photo 5 – Cracking and Exposed Ends Wide View 1



Photo 6 – Cracking and Exposed Ends Wide View 2



Asbestos Design Data Collection (DDC) 02112019

| Work Location #: | 5 | | | | | | | | | | | | | | | |
|---|--|---------------------------------------|--|---------------------------------------|--|---|--|--|--|--|--|----------------|------------|---|-------------------------------|---|
| Room/Area: | Main Gym adjacent to Lunchroom B | | | | | | | | | | | | | | | |
| Space ID# | 0B4 | | | | | | | | | | | | | | | |
| Comments: | | | | | | | | | | | | | | | | |
| Material | Confirmed or Assumed <small>if assumed contact OEMS</small> | Total Present <small>LF/SF</small> | Removal Amount <small>LF/SF</small> | Damage Amount <small>LF/SF</small> | Imminent Hazard <small>if yes, who was notified</small> | Student Occupied <small>(yes/no)</small> | Specific Location <small>i.e. riser #, wall#, window#</small> | Abatement Type <small>Remove, Repair, Encapsulate</small> | Project Type: <small>incidental, small, minor, major, non-friable</small> | Alternative Method <small>if yes define</small> | Remove Method <small>Friable or Non-Friable</small> | Decon Location | # of AFD's | Water Location <small>hose bib preferred</small> | Glove Bag or Full Containment | Pre-Cleaning/Removal of Contents <small>yes/no</small> |
| Pipe Insulation | Confirmed | 50 LF | <1 LF | <1 LF | No | Yes | 3 cracks and exposed ends throughout | Encapsulate | Incidental | No | Friable | N/A | N/A | Boiler Room | N/A | No |
| **Add rows for additional materials in this work area | | | | | | | | | | | | | | | | |

Photo 1 – Cracking Pipe Insulation Close Up 1



Photo 2 – Cracking Pipe Insulation Close Up 2



Photo 3 – Cracking Pipe Insulation Close Up 3



Photo 4 – Cracking Pipe Insulation Wide View



| Work Location #: | | 6 | | | | | | | | | | | | | | |
|---|---|----------------------------|-----------------------------|----------------------------|---|----------------------------------|---|---|---|---|---|----------------|------------|--|-------------------------------|--|
| Room/Area: | | Room B1 Gymnasium | | | | | | | | | | | | | | |
| Space ID# | | 0B1 | | | | | | | | | | | | | | |
| Comments: | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| Material | Confirmed or Assumed if assumed contact OEMS | Total Present LF/SF | Removal Amount LF/SF | Damage Amount LF/SF | Imminent Hazard if yes, who was notified | Student Occupied (yes/no) | Specific Location i.e. riser #, wall#, window# | Abatement Type Remove, Repair, Encapsulate | Project Type: incidental, small, minor, major, non-friable | Alternative Method if yes define | Remove Method Friable or Non-Friable | Decon Location | # of AFD's | Water Location hose bib preferred | Glove Bag or Full Containment | Pre-Cleaning/Removal of Contents yes/no |
| Pipe Insulation | Confirmed | 41 LF | <1 LF | <1 LF | No | Yes | 3 cracks and exposed ends throughout | Encapsulate | Incidental | No | Friable | N/A | N/A | Boiler Room | N/A | No |
| **Add rows for additional materials in this work area | | | | | | | | | | | | | | | | |

Photo 1 – Cracking Pipe Insulation Close Up



Photo 2 – Cracking Pipe Insulation Wide View



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Photo 3 – Exposed Ends Close Up



Photo 4 – Exposed Ends Wide View



| Work Location #: | 7 | | | | | | | | | | | | | | | |
|---|---|----------------------------|-----------------------------|----------------------------|---|----------------------------------|---|---|---|---|---|----------------|------------|--|-------------------------------|--|
| Room/Area: | Lunchroom C | | | | | | | | | | | | | | | |
| Space ID# | 0B3 | | | | | | | | | | | | | | | |
| Comments: | | | | | | | | | | | | | | | | |
| Material | Confirmed or Assumed if assumed contact OEMS | Total Present LF/SF | Removal Amount LF/SF | Damage Amount LF/SF | Imminent Hazard if yes, who was notified | Student Occupied (yes/no) | Specific Location i.e. riser #, wall#, window# | Abatement Type Remove, Repair, Encapsulate | Project Type: incidental, small, minor, major, non-friable | Alternative Method if yes define | Remove Method Friable or Non-Friable | Decon Location | # of AFD's | Water Location hose bib preferred | Glove Bag or Full Containment | Pre-Cleaning/Removal of Contents yes/no |
| Pipe Insulation | Confirmed | 116 LF | <1 LF | <1 LF | No | Yes | 8 exposed ends throughout | Encapsulate | Incidental | No | Friable | N/A | N/A | Boiler Room | N/A | No |
| **Add rows for additional materials in this work area | | | | | | | | | | | | | | | | |